

PRE-EDIT

*RETURN TO FMF - LOCATION 7540

QUERY CONTROL FORM		RTIS USE ONLY	
Application No. <u>10 042 856</u>	Prepared by <u>CT</u>	Tracking Number	
Examiner-GAU <u>VANORE, D.A. - 2881</u>	Date <u>1-20-04</u>	Week Date	
No. of queries <u>1</u>			

JACKET

a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION

- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
- e. Illegible Text
- f. Duplicate Text
- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

MESSAGE

1) Amendment. Please provide a readable copy of amended claims (Amend B), now approved claim set.

Thanks.

CLAIMS

- a. Claim(s) Missing
- b. Improper Dependency
- c. Duplicate Numbers
- d. Incorrect Numbering
- e. Index Disagrees
- f. Punctuation
- g. Amendments
- h. Bracketing
- i. Missing Text
- j. Duplicate Text
- k. Other

RESPONSE

Provided.

initials CT

initials BH

Post-It® Fax Note	7671	Date	# of pages ▶
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Navy Case 83,026

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: RAY BAGGETT ET AL.
Serial No.: 10/042,856
Filing Date: JANUARY 11, 2002
For: MINIATURE HIGH INTENSITY LED
ILLUMINATION SOURCE

Art Unit: 2881
Examiner: DAVID A. VANORE

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION OF 27 AUGUST 2003

Date:

9/30/03

Harvey A. Gilbert
HARVEY A. GILBERT
Attorney for Applicant
Registration No. 27331

CERTIFICATE OF TRANSMISSION (37 C.F.R.1.6(d) and (1.8))

I hereby certify that these papers, along with any paper referred to as being attached or enclosed, were mailed to the Commissioner for Patents, Mail Stop Non-Fee Amendments, Alexandria, VA 22313-1450 at the United States Patent & Trademark Office, on the date shown below:

By:

9/30/03

Date:

Harvey A. Gilbert

Navy Case No. 83026

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

RAY BAGGETT ET AL.

Examiner: DAVID A. VANORE

Serial No.: 10/042,856

Art Unit: 2881

Filed: January 11, 2002

For: MINIATURE HIGH INTENSITY LED ILLUMINATION SOURCE

AMENDMENT UNDER 37 C.F.R. 1.116

Hon. Commissioner of Patents and Trademarks

Washington, D.C. 20231

Sir:

In response to the Office Action dated August 27, 2003,
please amend the above-identified patent application as follows:

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Amendments to the Claims

1. (Cancelled).

2 (Currently amended): An apparatus ~~according to claim 1 further comprising:~~ for curing an adhesive with high-intensity radiation comprising:

a housing having an insulating cylindrical section and an insulating disc-shaped section defining an interior;
an LED array in said interior of said housing to emit high-intensity radiation;

a plurality of batteries in said interior of said housing adjacent said LED array to supply power to said LED array;

an insulating spacer layer interposed between said LED array and said plurality of batteries to prevent shorting of said batteries;

a switch relay in said interior of said housing connected to said LED array and said plurality of batteries;

a disc-shaped cover transparent to said high-intensity radiation and being disposed adjacent said LED array, said cover being connected to said cylindrical-shaped section to seal said interior from ambient;

a switching mechanism mounted on the outside of said housing, said switching mechanism being displaced on said housing to close said switch relay and connect said power to said LED array to emit said high-intensity radiation through said cover;

a fuse connected between said switch relay and said LED

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array to prevent overload current; and
a safety pin to engage said housing and said switching
mechanism together to prevent displacement of said
switching mechanism.

1 3.(Original): An apparatus according to claim 2 further
2 comprising:
3 a biasing spring connected to said housing and said
4 switching mechanism to hold said switching mechanism
5 in the off position.

1
1 4.(Original): An apparatus according to claim 3 further
2 comprising:
3 a compliant shroud around said disc-shaped cover to
4 prevent the transmission of said high-intensity
5 radiation to the ambient.

1
1 5. (Original): An apparatus according to claim 4 wherein said LED
2 array emits radiation at 470nm.

1 6.(Original): An apparatus according to claim 5 further
2 comprising:
3 an abrasive layer on said housing; and
4 a blade section on said housing, said abrasive layer and
5 said blade section being displaced to prepare a
6 surface.

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1 7. (Original): An apparatus according to claim 6 wherein said switching
2 mechanism has a magnet sized to slideably fit within a groove on
3 said cylindrical-shaped section of said housing to be engaged by a
4 gloved operator to permit its longitudinal displacement said groove.

1 8. (Original): An apparatus according to claim 7 wherein said housing
2 is about four inches in diameter and two inches high to permit user-
3 friendly tactile operation.

4

1 9. (Original): An apparatus according to claim 8 wherein said
2 cover has a coating to provide a one-way capability for emitted
3 radiation.

4

4 10. (Original): An apparatus according to claim 7 wherein said
5 cover has a coating to provide for filtering.

6 11. (Cancelled).

7

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Remarks

This is a complete response to the Office Action of August 11, 2003.

Claims 1-11 were in this case prior to this amendment. Claims 1 and 11 have been rejected. Claims 1 and 11 have been cancelled by this amendment.

Claims 2-10 are objected to as being dependent on rejected claim 1 but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claim 2 has been rewritten in independent form including all of the limitations of its base claim, claim 1 so that claim 2 and its dependent claims 3-10 are allowable.

Claims 2-10 define a patentably significant advance in the state of the art in definite form and free of the art, and are allowable.

Accordingly, an early Notice of Allowance is earnestly solicited.

Respectfully submitted,

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16 September 2003

Navy Case No. 83026

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